



State of North Carolina
Department of Environment, Health, and Natural Resources
Winston-Salem Regional Office

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary

Margaret Plemmons Foster
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION

NOTICE OF VIOLATION OF N.C.A.C. TITLE 15A SUBCHAPTER 2L
CLASSIFICATIONS AND WATER QUALITY STANDARDS
APPLICABLE TO THE GROUNDWATERS OF NORTH CAROLINA

March 18, 1993

CERTIFIED MAIL NUMBER P 131 598 007
RETURN RECEIPT REQUESTED

Harold Hall
P.O. Box 396
Jamestown, NC 27282

Subject: Harold Hall Property, 108 W. Main St., Jamestown,
Guilford County, NC

Dear Mr. Hall:

Chapter 143, North Carolina General Statutes, authorizes and directs the Environmental Management Commission of the Department of Environment, Health, and Natural Resources to protect and preserve the water and air resources of the State. The Division of Environmental Management has the delegated authority to enforce adopted pollution control rules and regulations.

The purpose of N.C.A.C. Title 15A Subchapter 2L is to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the waters of the State, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina.

On February 17, 1993 this office received confirmation of NCAC 2L violations at the subject property in the form of groundwater sample analysis. The following results exceed the 2L Standards:

<u>Parameter</u>	<u>Concentration</u> <u>Present</u>		<u>2L</u> <u>Standard</u>
Benzene	1177	ppb	1 ppb
Ethylbenzene	172	ppb	29 ppb
Xylene	891	ppb	400 ppb
1,2-Dichloroethane	1.6	ppb	0.38 ppb
Bromomethane	1.3	ppb	NA
Chloroethane	1.3	ppb	NA
Chloromethane	23.8	ppb	NA
Dichlorodifluoromethane	23.8	ppb	0.19 ppb
Tetrachloroethene	527	ppb	0.7 ppb
Vinyl Chloride	1.3	ppb	.015 ppb
Acenaphthene	19	ppb	NA
Acenaphthylene	31	ppb	NA
Anthracene	8	ppb	NA
Fluoranthene	10	ppb	NA
Fluorene	17	ppb	NA
Napthalene	18	ppb	NA
Phenathrene	13	ppb	NA
Pyrene	5	ppb	NA

NA = not allowed in limits above detection level

These contaminate concentrations exceed the maximum allowable concentrations for such substances as specified in N.C.A.C. Title 15A 2L .0202. Therefore, they are in violation of the water quality standards for the groundwaters of the State. Please reference the following excerpt from Subchapter 2L which specifies corrective action as follows:

N.C.A.C. Title 15A 2L .0106 Corrective Action

- (a) The goal of actions taken to restore groundwater quality shall be restoration to the level of the standards, or as close thereto as is economically and technologically feasible.
- (b) Any person conducting or controlling an activity which results in the discharge of a waste or hazardous substance or oil to the groundwaters of the state or in proximity thereto, shall take immediate action to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department of the discharge.
- (c) Any person conducting or controlling an activity which results in an increase in the concentration of a substance in excess of the groundwater standard:

- (1) as the result of activities, other than agricultural operations, not permitted by the state, shall assess the cause, significance and extent of the violation; submit a plan for eliminating the source of contamination and for restoration of groundwater quality; and implement an approved plan in accordance with a schedule established by the Director. In establishing a schedule the Director shall consider any reasonable schedule proposed by the person submitting the plan.

It is our understanding that you and/or your firm are responsible for the aforementioned violations. Subsequently, you are considered as the party responsible for eliminating the source of contamination and restoring groundwater quality.

You are required to submit a comprehensive site assessment which describes the full vertical and horizontal extent of the contamination. An adequate report must be received by this office on or before 90 days after receipt of this notice. A corrective action plan (remedial action plan) should be submitted to this office within sixty (60) days after submitting a comprehensive site assessment.

It is requested that within fifteen (15) days, you submit a written response describing your plans to achieve compliance. Should you dispute our assessment of responsibility, please include documentation of your position in your response.

Failure to submit the report required or failure to expeditiously eliminate the contaminant source and restore groundwater quality in the affected area may result in the recommendation of enforcement action including: (1) the issuance of a special order against you under the authority of G.S. 143-215.2, (2) a request to the Attorney General to institute an action for injunctive relief, (3) a civil penalty of up to \$10,000 per day in accordance with G.S. 143-215.6 and (4) referral of your site to the Federal Trust Fund Group. Please note that should the Federal Trust Fund take charge of your site, they will seek cost recovery, from responsible parties, for any and all expenses incurred.

Submittal of the above referenced report(s) does not relieve you of the responsibility for continued investigation and cleanup at this site.

